

REMARKS

Claims 1-3, 6, 8-10, 12, 14, 16 and 19-22 are in the application.

As a result of the foregoing amendment, the subject matter of claims 4, 5 and 7 has been added to claim 1, the subject matter of claims 11 and 13 has been added to claim 10, the subject matter of claim 15 has been added to claim 14 and the subject matter of claim 18 has been included in claim 16.

In view of the Examiner's indication that claims 7-9, 13, 15 and 18-21 are allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims, and that claim 22 is allowed, it is submitted that all of the claims in the application are in condition for allowance.

Applicants have reviewed the references which were newly cited in the last office action and have provided the following comments.

The reference to Reisch (U.S. Patent 3,753,276) describes a mandrel which is provided with a plastic cover, wherein the cover is fit over the mandrel in order to prevent relative movement of the cover and the mandrel at elevated temperatures. The reference

does not deal with a heat treatment of the roll.

The reference to Jaeger (U.S. Patent 4,160,048) is directed to a spray coating device. A surface coating is applied while the drum is hot. However, the reference does not disclose or suggest treating the roll for influencing the roll gap also at operational temperatures.

The reference to Vomhoff (U.S. Patent 4,607,420) discloses a device for balancing rolls without working on the surface of the roll. This reference also does not disclose or suggest the present invention.

The reference to Lundmark (U.S. Patent 5,371,975) discloses a method for grinding a workpiece during manufacture. The different expansions due to the heat caused by grinding are to be compensated. In column 1, lines 52-54 of the reference, it is mentioned that this compensation can also take place while the roll is hot.

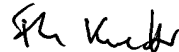
Therefore, in view of the foregoing, it is submitted that this application is now in condition for allowance and such allowance is respectfully solicited.

Any additional fees or charges required at this time in connection with the application may be charged to Patent and Trademark Office Deposit Account No. 11-1835.

Respectfully submitted,

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Dated: August 10, 2004



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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on August 10, 2004.

By: 
Friedrich Kueffner

Date: August 10, 2004